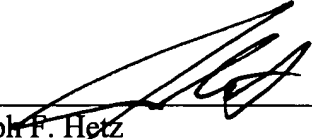


REMARKS

In this Preliminary Amendment, Applicants have amended the specification and claims to correct typographical errors. No new matter has been added by these amendments. If the Examiner has any questions about this Preliminary Amendment, he is invited to contact the undersigned attorney at the telephone number given below.

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Respectfully submitted,



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APPENDIX A

I. Paragraph on page 1, lines 12-22:

An illustration of some basic components of an Advanced Intelligent Network (AIN) within a communication network in the form of a public switched telephone network 10 (PSTN 10) is shown in FIG. 1. Referring to FIG. 1, Service Switching Points (SSPs) 11a-11[b]c are connected with a Signaling Transfer Point 12 and a Service Control Point (SCP) 13 by a Common Channel Signaling network 15. A subscriber line 17a connects an Internet server 20 to the SSP 11a. Subscriber lines 17b-1[8]7d connect client workstations 30a-30c to the SSP 11b. Subscriber lines 17e-17[f]g connect client workstations 30d-30f to the SSP 11c. The SSPs 11a-11[b]c are interconnected by trunks 16a and 16b to enable client workstations 30a-30f to establish communication links with the Internet server 20.

II. Paragraph on page 3, lines 5-6:

It is an advantage of the invention to provide a method and system for restricting access to secured services provided by a dial-up server.

III. Paragraph on page 3, lines 15-25:

During a stage S72 of routine 70, SSP 11b receives a telephone number signal representative of Internet server 45 from client workstation 30a. In one embodiment, the telephone number signal can be an 800 toll free number assigned to Internet server 45. In response, SSP 11b conventionally provides a termination attempt trigger (TAT) to SSP 11a upon receipt of the telephone number signal during a stage S74 of routine 70. The TAT identifies a directory number representative of client workstation 30a, and is therefore an indication to SSP 11a that client workstation 30a wishes to establish a communication link with Internet server 45. In response to the TAT, SSP 11a provides a query to SCP 44 that includes an authorization for establishing the communication link between client workstation 30a and Internet server 45.

IV. Paragraph on page 4, lines 8-17:

During a stage S80 of routine 70, SCP 44 provides the retrieved authentication key to key server 50 via firewall 40 and ethernet 60. Key server 50 in turn provides the retrieved authentication key to Internet server 45. In one embodiment, Internet server 45 queries key server 50 for the authentication key upon an establishment of the communication link between client workstation 30a and Internet server 45. In another embodiment, key server 50 provides the authentication key to Internet server 45 upon a detection of the establishment of the communication link between client workstation 30a and Internet server 45. During a stage S82 of routine 70, [key] SCP 44 removes the retrieved authentication key from key server 50.

V. Paragraph on page 4, lines 18-22:

An exemplary implementation of routine 70 involving client workstation 30d will now be described herein in conjunction with client workstations 30a-30c being [un]authorized calling sources for secured services of Internet server 45, and client workstations 30d-30f being unauthorized calling sources for secured services of Internet server 45.

VI. Sentence on page 7, line 1:

[WE] I CLAIM:

APPENDIX B

4. (Amended) The computer-useable medium of claim 3, further comprising:
computer-readable code for providing said authentication key to a server in
communication with said calling destination.
11. (Amended) The communication network of claim [42] 20, wherein:
said service control point is further operable to remove said authentication key from said
server after said server provides said authentication key to said calling destination.
14. (Amended) The method of claim [44] 21, further comprising:
operating said communication network to establish a communication link between said
calling source and said calling destination; and
operating said calling destination to provide said authentication key to said calling source.
15. (Amended) The method of claim [44] 21, further comprising:
operating said communication network to remove said authentication key from said
communication network after providing said authentication key to said server.